

	31	"5891409"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:56
	2	5891409.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:57
	2	(5891409.pn.) and (soot or hydrocarbon or \$5hydrocarbon)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:57
	2	(5891409.pn.) and (soot or hydrocarbon or \$5hydrocarbon) and (oxid\$4 or "no" or "no.sub.x" or "no.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:58
	1	(5891409.pn.) and (soot and hydrocarbon and \$5hydrocarbon) and (oxid\$4 or "no" or "no.sub.x" or "no.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:59
	1	(5891409.pn.) and (soot and hydrocarbon and \$5hydrocarbon) and (oxid\$4 or "no" or "no.sub.x" or "no.sub.2") and (combust\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:59
	455	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and (("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 07:57
	229	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and (("no.sub.x" or "no.sub.2")) and (first and second and third)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 07:58
	113	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and (("no.sub.x" or "no.sub.2")) and (first and second and third)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:22
	113	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and (("no.sub.x" or "no.sub.2")) and (first and second and third)) not (shell.as.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:03
	94	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and (("no.sub.x" or "no.sub.2")) and (first and second and third)) not (shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:24
	192	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near2 cataly\$4) and (("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:02
	169	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near2 cataly\$4) and (("no.sub.x" or "no.sub.2")) and (hydrocarbon)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:23

	125	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near2 cataly\$4) and (("no.sub.x" or "no.sub.2")) and ((oxidiz\$4 or oxidat\$4) near2 (hc or hydrocarbon))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:24
	102	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near2 cataly\$4) and (("no.sub.x" or "no.sub.2")) and ((oxidiz\$4 or oxidat\$4) near2 (hc or hydrocarbon))) not (shell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:27
	60	(((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near2 cataly\$4) and (("no.sub.x" or "no.sub.2")) and ((oxidiz\$4 or oxidat\$4) near2 (hc or hydrocarbon))) not (shell)) not (((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and (("no.sub.x" or "no.sub.2")) and (first and second and third)) not (shell))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 08:27
	4	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second) near3 ((oxidiz\$4 or threeway) near3 cataly\$4)) and (("no.sub.x" or "no.sub.2")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:06
	4	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second) near4 ((oxidiz\$4 or threeway) near4 cataly\$4)) and (("no.sub.x" or "no.sub.2")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:06
	5	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second) near4 ((oxidiz\$4 or three\$4) near4 cataly\$4)) and (("no.sub.x" or "no.sub.2")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:07
	240	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second)) and (((oxidiz\$4 or three\$4) near4 cataly\$4)) and (("no.sub.x" or "no.sub.2")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:07
	218	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second)) and (((oxidiz\$4 or three\$4) near2 cataly\$4)) and (("no.sub.x" or "no.sub.2")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:08
	69	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second) near4 cataly\$4) and (((oxidiz\$4 or three\$4) near2 cataly\$4)) and (("no.sub.x" or "no.sub.2")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:08
	1	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near4 (filter or trap)) and ((first and second) near4 (three\$4) near4 (cataly\$4)) and ("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:51
	7	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((first and second) near4 (three\$4) near4 (cataly\$4)) and ("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:52
	38	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((first and second) with (three\$4) near4 (cataly\$4)) and ("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:52

-	38	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((first and second) with (three\$4 near4 cataly\$4)) and ("no.sub.x" or "no.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/19 10:52
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L Number	Hits	Search Text	DB	Time stamp
-	2401	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:10
-	506	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:51
-	48	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (reduc\$\$ near3 cataly\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:11
-	5	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (oxidiz\$4 near3 cataly\$4) and (three\$4 near2 cataly\$4) and ("no.sub.x")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:42
-	111	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (reduc\$4 near3 cataly\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:11
-	6	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (reduc\$4 near3 cataly\$4) and (three\$4 near2 cataly\$4) and ("no.sub.x")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:26
-	30	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (oxidiz\$4 near3 cataly\$4) and ("no.sub.x")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:26
-	112	(exhaust near3 gas) and (engine) and (soot) and (oxidiz\$4 near3 cataly\$4) and ("no.sub.x")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:27
-	11	("4849399" "4900517" "4902487" "5162287" "5213781" "5290530" "5423904" "5746989" "6038854" "6185934" "6294141").PN.	USPAT	2003/06/12 19:29
-	3	("4270936" "4902487" "5472673").PN.	USPAT	2003/06/12 19:35
-	15	5746989.URPN.	USPAT	2003/06/12 19:35
-	18	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (reduc\$4 near3 cataly\$4) and (three\$4 near2 cataly\$4) and ("no.sub.x")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:41
-	246	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near3 filter) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2" or "no")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:43
-	43	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (reduc\$4 near3 cataly\$4) and (three\$4 near2 cataly\$4) and ("no.sub.x" or "no.sub.2" or "no")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:43

	122	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near3 filter) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:05
	485	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 10:50
	139	(exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and ("no.sub.x" or "no.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:51
	363	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2")) not ((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near3 filter) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:51
	363	((exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2")) not (((exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near3 filter) and ((oxidiz\$4 or three\$4) near3 cataly\$4) and ("no.sub.x" or "no.sub.2")) or ((exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (oxidiz\$4 near3 cataly\$4) and ("no.sub.x")) or ((exhaust near3 gas) and (engine) and (particulat\$4 near3 filter) and (soot) and (reduc\$4 near3 cataly\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 19:52
	30	("3757521" "4902487" "5052178" "5272871" "5364606" "5412946" "5471836" "5472673" "5551231" "5570576" "5572866" "5582002" "5611198" "5649421" "5650127" "5653101" "5711147" "5711149" "5727385" "5746989" "5750082" "5753188" "5783160" "5798270" "5809774" "5891409" "5974791" "6021639" "6038854" "6167696").PN.	USPAT	2003/06/12 20:10
	1	6293096.URPN.	USPAT	2003/06/12 20:10
	17	("4076606" "4954320" "5022226" "5208205" "5236672" "5336476" "5424044" "5440876" "5474747" "5492678" "5500194" "5534237" "5698012" "5711147" "5715677" "5746984" "5891409").PN.	USPAT	2003/06/12 20:10
	14	6038854.URPN.	USPAT	2003/06/12 20:10
	3	("4270936" "4902487" "5472673").PN.	USPAT	2003/06/12 20:10
	15	5746989.URPN.	USPAT	2003/06/12 20:10
	5	("6014859" "6178743" "6192675" "6212885" "6233927").PN.	USPAT	2003/06/12 20:11
	0	6484495.URPN.	USPAT	2003/06/12 20:11
	7	("4863893" "4902487" "4985210" "5139994" "5459119" "5662869" "5687565").PN.	USPAT	2003/06/12 20:11
	6	5884473.URPN.	USPAT	2003/06/12 20:11
	34	("3540838" "3896616" "3956188" "4021185" "4087384" "4134860" "4171288" "4189404" "4374103" "4438219" "4448756" "4476246" "4504598" "4587231" "4591578" "4591580" "4624940" "4708946" "4714694" "4727052" "4780447" "4808564" "4916898" "4923842" "4965243" "5057483" "5083427" "5106588" "5116800" "5248650" "5260249" "5332554" "5510086" "5597771").PN.	USPAT	2003/06/12 20:11
	5	6044644.URPN.	USPAT	2003/06/12 20:11
	14	("4755499" "5155994" "5233830" "5362463" "5402641" "5406790" "5412945" "5433074" "5448887" "5471836" "5473887" "5556604" "5753580" "5849254").PN.	USPAT	2003/06/12 20:11
	28	5992142.URPN.	USPAT	2003/06/12 20:11
	13	("2942932" "3067002" "3699683" "3757521" "4985210" "5051244" "5078979" "5125231" "5158753" "5184462" "5303547" "5388405" "5398503").PN.	USPAT	2003/06/12 20:11
	8	5603215.URPN.	USPAT	2003/06/12 20:11
	1	"5131224".PN.	USPAT	2003/06/12 20:12
	9	5524432.URPN.	USPAT	2003/06/12 20:12

	8	("4485621" "4974414" "5051244" "5067318" "5090200" "5125231" "5140811" "5195318").PN.	USPAT	2003/06/12 20:12
	18		USPAT	2003/06/12 20:12
	39	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot) near3 filter) and ((oxidiz\$4 or threeway) near3 cataly\$4) and ((oxidiz\$4) near2 ("no.sub.x" or "no.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/06/13 12:10
	128	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or threeway) and cataly\$4) and ((oxidiz\$4) near2 ("no.sub.x" or "no.sub.2"))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/06/13 10:22
	70	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and ((oxidiz\$4) near2 ("no.sub.x" or "no.sub.2"))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/08/18 07:57
	70	(exhaust near3 gas) and (engine) and ((soot)) and (cataly\$4) and ((oxidiz\$4) near2 ("no.sub.x" or "no.sub.2"))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/06/13 12:14
	70	(exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and ((oxidiz\$4) near2 ("no.sub.x" or "no.sub.2")) and ("no.sub.x" or "no.sub.2") and (oxidiz\$4 or threeway) and cataly\$4	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/12/28 12:27
	7	("4863893" "4902487" "4985210" "5139994" "5459119" "5662869" "5687565").PN.	USPAT	2003/12/28 12:27
	0	(abe.in.) and (exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and ((oxidiz\$4 or threeway) near3 cataly\$4) and ((oxidiz\$4) near2 ("no.sub.x" or "no.sub.2")) and ("no.sub.x" or "no.sub.2") and (oxidiz\$4 or threeway) and cataly\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/12/28 12:28
	46	(abe.in.) and (exhaust near3 gas) and (engine) and ((particulat\$4 or soot))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/12/28 12:36
	17	("4076606" "4954320" "5022226" "5208205" "5236672" "5336476" "5424044" "5440876" "5474747" "5492678" "5500194" "5534237" "5698012" "5711147" "5715677" "5746984" "5891409").PN.	USPAT	2003/12/28 12:32
	182	(thermal near3 plasma) and (exhaust near3 gas) and (engine) and ((particulat\$4 or soot))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/28 12:36
	40	(thermal near3 plasma) and (exhaust near3 gas) and (engine) and ((particulat\$4 or soot)) and (60/272-324.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/28 12:37
	17	("4076606" "4954320" "5022226" "5208205" "5236672" "5336476" "5424044" "5440876" "5474747" "5492678" "5500194" "5534237" "5698012" "5711147" "5715677" "5746984" "5891409").PN.	USPAT	2003/12/28 12:44
	12	6038853.URPN.	USPAT	2003/12/28 12:50
	17	("4076606" "4954320" "5022226" "5208205" "5236672" "5336476" "5424044" "5440876" "5474747" "5492678" "5500194" "5534237" "5698012" "5711147" "5715677" "5746984" "5891409").PN.	USPAT	2003/12/28 12:51